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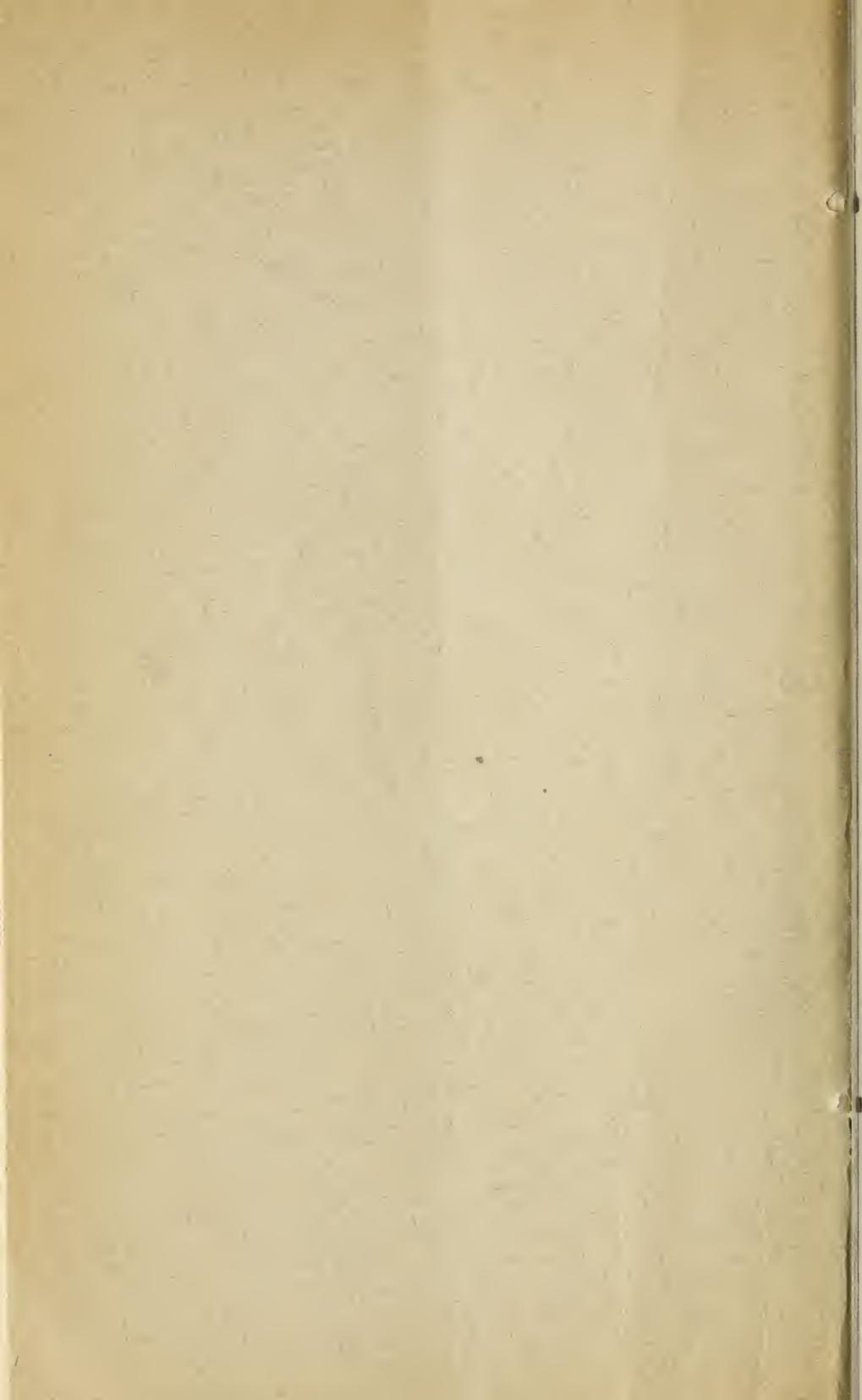
UNITED STATES
DEPARTMENT OF AGRICULTURE

LIST OF WORKERS IN
SUBJECTS PERTAINING TO AGRICULTURE
IN STATE AGRICULTURAL COLLEGES
AND EXPERIMENT STATIONS

1924-1925



OFFICE OF EXPERIMENT STATIONS
MISCELLANEOUS CIRCULAR No. 34



UNITED STATES DEPARTMENT OF AGRICULTURE

MISCELLANEOUS CIRCULAR No. 34

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LIST OF WORKERS IN
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By MARY A. AGNEW
Office of Experiment Stations

1924-1925



WASHINGTON
GOVERNMENT PRINTING OFFICE
1925

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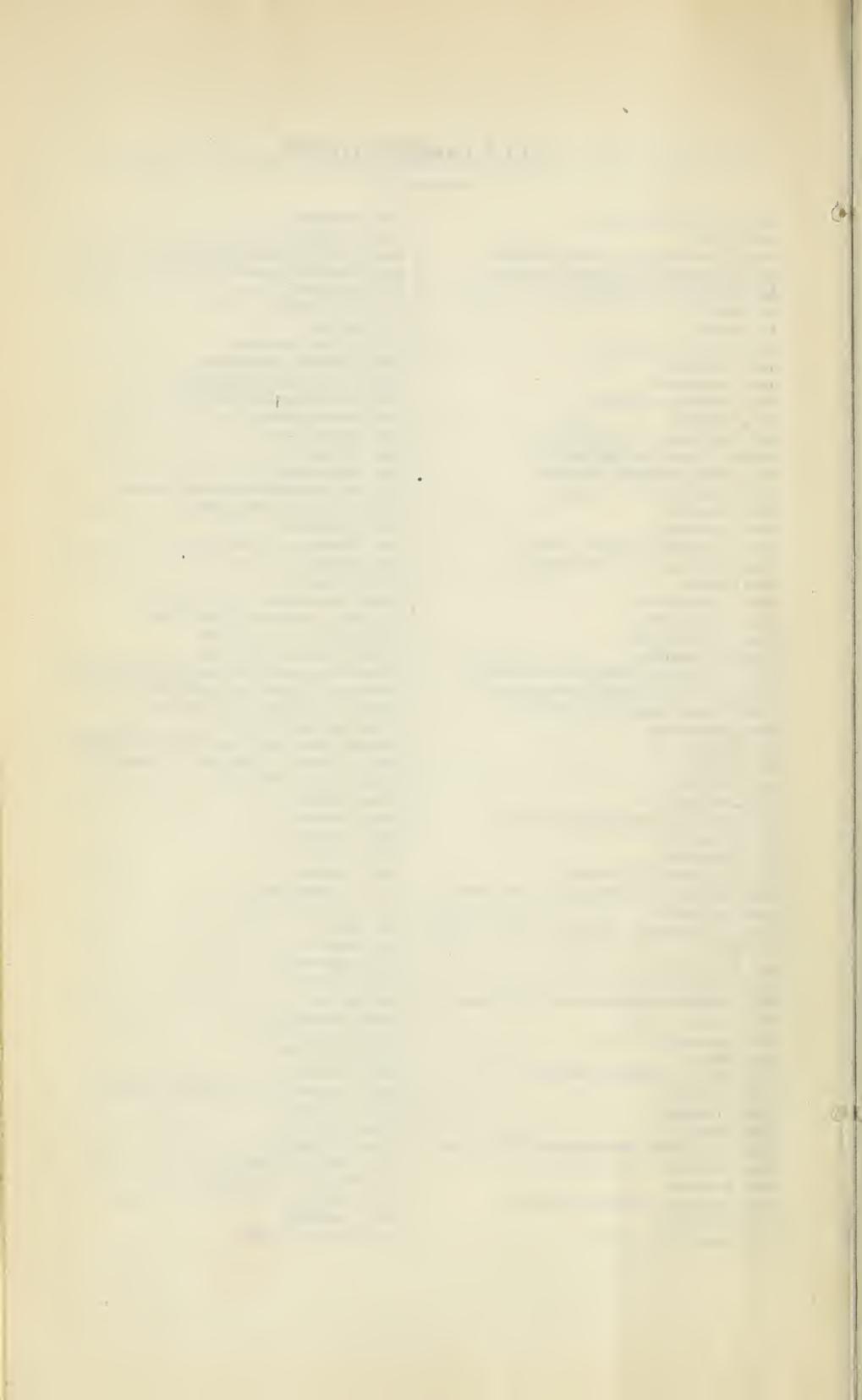
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KEY TO ABBREVIATIONS

<i>Acct.</i> , Accountant, Accounts.	<i>Instr.</i> , Instructor.
<i>Actg.</i> , Acting.	<i>Insts.</i> , Institutes.
<i>Admin.</i> , Administration, Administrative.	<i>Invest.</i> , Investigations, Investigational
<i>Agr.</i> , Agriculture, Agriculturist, Agricultural.	<i>Irrig.</i> , Irrigation, Irrigationist.
<i>Agron.</i> , Agronomy, Agronomist.	<i>Lab.</i> , Laboratory.
<i>Agt.</i> , Agent.	<i>Lands.</i> , Landscape.
<i>An.</i> , Animal.	<i>Lect.</i> , Lecturer.
<i>Anal.</i> , Analytical, Analysis.	<i>Libr.</i> , Library, Librarian.
<i>Anat.</i> , Anatomy.	<i>Mach.</i> , Machine, Machinery.
<i>Arch.</i> , Architecture.	<i>Mech.</i> , Mechanics, Mechanical.
<i>Assoc.</i> , Associate, Association.	<i>Met.</i> , Meteorology, Meteorologist.
<i>Ass't.</i> , Assistant.	<i>Mfg.</i> , Manufacturing.
<i>Bact.</i> , Bacteriology, Bacteriologist.	<i>Mfrs.</i> , Manufactures.
<i>Biochem.</i> , Biochemist, Biochemistry.	<i>Mgr.</i> , Manager.
<i>Biol.</i> , Biology, Biologist, Biological.	<i>Mgt.</i> , Management.
<i>Bot.</i> , Botany, Botanist, Botanical.	<i>Microbiol.</i> , Microbiology, Microbiologist.
<i>Brdg.</i> , Breeding.	<i>Mycol.</i> , Mycology, Mycologist.
<i>Chair.</i> , Chairman.	<i>Nutr.</i> , Nutrition.
<i>Chem.</i> , Chemistry, Chemist, Chemical.	<i>Oler.</i> , Olericulture, Olericulturist.
<i>Climat.</i> , Climatology, Climatologist.	<i>Org.</i> , Organic.
<i>Coll.</i> , College.	<i>Organ.</i> , Organization.
<i>Comp.</i> , Comparative.	<i>Ornith.</i> , Ornithology, Ornithologist.
<i>Comm.</i> , Commission.	<i>Parasitol.</i> , Parasitology, Parasitologist.
<i>Comr.</i> , Commissioner.	<i>Path.</i> , Pathology, Pathologist.
<i>Consult.</i> , Consulting.	<i>Pedag.</i> , Pedagogy, Pedagogics.
<i>Coop.</i> , Cooperation, Cooperative, Cooperator.	<i>Pharm.</i> , Pharmacy, Pharmacist, Pharmaceutical.
<i>Corresp.</i> , Correspondence, Correspondent.	<i>Pharmacol.</i> , Pharmacology, Pharmacologist.
<i>Demon.</i> , Demonstration, Demonstrator.	<i>Photog.</i> , Photography, Photographer.
<i>Dept.</i> , Department.	<i>Phys.</i> , Physics, Physical.
<i>Dir.</i> , Director.	<i>Physiol.</i> , Physiology, Physiologist, Physiological.
<i>Dist.</i> , District.	<i>Pomol.</i> , Pomology, Pomologist, Pomological.
<i>Div.</i> , Division.	<i>Pract.</i> , Practice, Practical.
<i>Dom.</i> , Domestic.	<i>Prep.</i> , Preparatory.
<i>Econ.</i> , Economy, Economic, Economics.	<i>Pres.</i> , President.
<i>Ed.</i> , Education.	<i>Prin.</i> , Principal.
<i>Ele.</i> , Elementary.	<i>Prod.</i> , Production.
<i>Engin.</i> , Engineer, Engineering.	<i>Prof.</i> , Professor.
<i>Entl.</i> , Entomology, Entomologist, Entomological.	<i>Publ.</i> , Publications.
<i>Erad.</i> , Eradication.	<i>Sci.</i> , Science, Scientific.
<i>Exptl.</i> , Experiment, Experimentalist, Experimental.	<i>Sec.</i> , Section.
<i>Ext.</i> , Extension.	<i>Secy.</i> , Secretary.
<i>Fert.</i> , Fertility, Fertilizer.	<i>Secon.</i> , Secondary.
<i>Flor.</i> , Floriculture, Floriculturist, Floricultural.	<i>Sociol.</i> , Sociology.
<i>For.</i> , Forestry, Forester.	<i>Sta.</i> , Station.
<i>Gard.</i> , Gardening.	<i>Substa.</i> , Substation.
<i>Gen.</i> , General.	<i>Suptl.</i> , Superintendent.
<i>Geol.</i> , Geology, Geologist, Geological.	<i>Supvr.</i> , Supervisor.
<i>Grad.</i> , Graduate.	<i>Surg.</i> , Surgery.
<i>Histol.</i> , Histology.	<i>Tech.</i> , Technology, Technologist, Technical.
<i>Hon.</i> , Honorary.	<i>Treas.</i> , Treasurer.
<i>Hort.</i> , Horticulture, Horticulturist, Horticultural.	<i>Trop.</i> , Tropical.
<i>Husb.</i> , Husbandry, Husbandman.	<i>Univ.</i> , University.
<i>Hyg.</i> , Hygiene.	<i>Veg.</i> , Vegetable, Vegetation.
<i>Indus.</i> , Industry, Industrial, Industries.	<i>Vet.</i> , Veterinary, Veterinarian.
<i>Inorg.</i> , Inorganic.	<i>Vit.</i> , Viticulture, Viticulturist, Viticultural
<i>Insp.</i> , Inspection, Inspector.	<i>Voc.</i> , Vocational.
	<i>Zool.</i> , Zoology, Zoologist.



STATE AGRICULTURAL COLLEGES AND EXPERIMENT STATIONS

ALABAMA

College of Agriculture and the Agricultural Experiment Station of the Alabama Polytechnic Institute, Auburn

*College faculty. †Station staff. ‡Extension staff

- *Spright Dowell, M. A., LL. D., President
*†M. J. Funchess, M. S., Dean Coll. of Agr., Dir. of Sta.
†L. N. Duncan, M. S., Dir. of Ext. Service
*†C. A. Cary, B. S., D. V. M., Dean Coll. of Vet. Med.

Agronomy: Dean Funchess in charge.

- †W. H. Appleton, B. S., Asst. in Agron.
‡F. E. Boyd, M. S., Ext. Agron.
*†F. W. Parker, Ph. D., Asst. Prof. Agron.;
Soil Chem.

- †W. W. Pate, B. S., Asst. in Agron.
*J. W. Tidmore, M. S., Instr. Agron.
†H. B. Tisdale, M. S., Assoc. in Plant Brdg.
†J. T. Williamson, B. S., Supt. of Coop. Expts.

Animal Industry: *†J. C. Grimes, M. S., Head Prof.

- *†W. H. Eaton, B. S., Assoc. Prof. Dairying;
Dairymen.
*†J. E. Ivey, M. S., Prof. Poultry Husb.; Poul-
try Husb.
*F. W. Burns, B. S., Asst. Prof. An. Indus.
‡S. R. Doughty, B. S., Poultry Specialist.
†H. A. Gardner, M. S., Poultry Specialist.
†William Hardie, B. S., Dairy Specialist.
†L. G. Pearson, B. S., Supt. National Egg Lay-
ing Contest.
*†W. D. Salmon, M. S., Asst. Prof. An. Indus.;
Asst. in An. Indus. Research.
†J. D. Sykes, B. S., Poultry Specialist.
†G. A. Trollope, B. S., Poultry Specialist.

Botany: *†W. A. Gardner, Ph. D., Head Prof. Bot., Plant Physiol.; Bot.

- *†W. L. Blain, M. A., Assoc. Plant Path.
‡L. E. Miles, Ph. D., Plant Path.
*†Martin Palmer, B. S., Instr. and Asst. in Bot.

Chemistry: *B. B. Ross, M. S., LL. D., Head Prof. Gen. and Agr. Chem. (State Chem.). *†E. R. Miller, Ph. D., Head Research Prof. and Research Chem.

- *†M. A. Barnes, B. S., Asst. Research Chem.
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Chem.
*G. H. Marsh, M. S., Asst. Prof. Org. Chem.
*H. M. Martin, M. S., Asst. Prof. Chem.
*P. P. Powell, M. S., Assoc. Prof. Chem. and Geol.

¹ For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

NOTE.—Miss Betty T. Richardson assisted in the preparation of these lists.

They include only names of persons directly engaged in teaching, investigation, or demonstration in agriculture and home economics.

An asterisk (*) indicates a college officer, a dagger (†) a station officer, and a double dagger (‡) an extension worker. When the title of the position in the station differs from that in the college the latter is given first, except in the case of the director of the station. A key to the abbreviations used is given on page III.

Education (Agr.): —————— Prof. Agr. Ed.

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Engineering (Agr.): *†M. L. Nichols, M. S., Head Prof.

- *Arvey Carnes, B. S., Asst. Prof. Agr. Engin.
†T. B. Chambers, B. S., Agr. Engin. Specialist.
*E. C. Easter, M. S., Instr. and Assoc. Agr. Engin.
‡L. C. Lebron, B. S., Agr. Engin. Specialist.
*†J. W. Randolph, M. S., Asst. Prof. and Asst. Agr. Engin.

Entomology—See Zoology.

Extension (Admin.):¹ Director Duncan in charge.

- †Agnes E. Harris, B. S., State Home Dem. Agt.
†May I. Cureton, Asst. State Home Dem. Agt.
†Helen Johnston, A. M., Asst. State Home Dem. Agt.
†Elizabeth M. Mauldin, A. B., Asst. State Home Dem. Agt.
†Gladys Tappan, Asst. State Home Dem. Agt.

Home Economics: —————— Head of Dept.

- †Josephine Eddy, B. S., Clothing Specialist.
*Dana K. Gatchell, B. S., Asst. Prof. Home Econ. (Foods).
*Henrietta M. Thompson, M. A., Asst. Prof. Home Econ. (Clothing).

Horticulture: *†C. L. Isbell, M. S., Actg. Head of Dept.

- ‡S. H. Gibbons, B. S., Hort. Specialist.
†R. W. Taylor, B. S., Asst. in Hort.
*L. M. Ware, B. S., Instr. Hort.

Rural Organization and Farm Management:

- *†J. D. Duggar, M. S., Research Prof. Farm Mgt.;
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‡K. G. Baker, B. S., Marketing Specialist.
†F. W. Gist, Agr. Statistician.
†J. D. Pope, M. S., Agr. Econ. and Farm Mgt.
Specialist.
‡L. T. Wells, B. S., Marketing Specialist.

- Veterinary Medicine:** *†C. A. Cary, B. S., D. V. M., *Dean Coll. of Vet. Med.*; *Vet. (State Vet.) Dir. Farmers' Insts.*
- *N. G. Covington, D. V. M., M. D. C., *Asst. Prof. Physiol. and Vet. Diagnosis.*
- *I. S. McAdory, B. S., D. V. M., *Prof. Vet. Sci.*
- *F. D. Patterson, Jr., D. V. M., *Asst. Prof. Vet. Med.*
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- *E. S. Winters, B. S., D. V. M., *Lect. on Anti-Hog Cholera Serum.*

- Zoology and Entomology:** *†J. M. Robinson, M. A., *Actg. Head Prof. Zool. and Ent.; Actg. Ent.*
- *†F. E. Guyton, M. S., *Prof. Zool. and Ent.; Asst. Ent.*
- *†H. G. Good, M. S., *Asst. Prof. Zool. and Ent.; Asst. Ent.*
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- Miscellaneous:**
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- *†M. A. Glenn, *Treas.*
- *†Mary E. Martin, *Libr.*
- †Irving Patrick, B. S., *Asst. Editor.*

Canebrake Agricultural Experiment Station, Uniontown

†W. A. Cammack, B. S., *Director*

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- †C. J. Calloway, B. A., *Dir. of Ext. Dept.*

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- †T. M. Campbell, *Supt. U. S. Farm Dem.*
- *Octavia Clark, *Plain Sewing.*
- *T. N. Cowen, *Farm Mgt.*
- *Annie P. Crews, *Dom. Sci.*
- *†K. W. G. Donma, *An. and Plant Brdg.*
- *Dorothy Doram, *Dom. Sci.*
- *A. D. Edwards, *Farm Shop Work.*
- *Arthur Floyd, B. S., *Teacher Training in Agr.*
- †G. W. Goodwin, *U. S. Farm Dem.*
- *E. A. Grant, L. I., *Dairy Herd and Creamery.*
- *Floyd V. Green, *Dom. Art.*
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- *W. W. Hayes, *Market Gard.*
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- *Caroline C. Owens, *Home Planning and Furnishing.*

- *Ophelia Pearson, *Teacher Training in Home Econ.*
- *Hattie Reynolds, *Plain Sewing and Dressmaking.*
- †Eunice V. Rivers, *Rural Health Nurse.*
- †Harry Simms, *State Agt.*
- *Motta L. Sims, B. A., *Teacher Training in Home Econ.*
- *Julia Skinner, *Ladies' Tailoring and Advance Dressmaking.*
- *Ernestine Suarez, *Libr.*
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- *Susie M. Waggener, *Dom. Sci.*
- *Mrs. B. T. Washington, M. A., *Dir. Women's Industries.*
- *L. J. Watkins, *Forest, Grounds, and Surveys.*
- *†J. E. Whitfield, *Prof. Gen. Agr. and Hort. Asst. Dir. Agr. Dept.*
- *D. A. Williston, B. S., *Dir. Landsc. Gard. Dept.*
- *V. W. Winters, B. S., *Agr. Chem.*
- *†Matthew Woods, *An. Husb.*

ALASKA

Alaska Agricultural College and School of Mines (Divisions of Agriculture and Home Economics), Fairbanks

*Agricultural faculty

*C. E. Bunnell, A. M., *President*

- *G. R. Hood, M. S., *Prof. Chem.*
- *C. H. Morgan, M. S., *Prof. Agr.*

- *Ruth K. Trail, M. S., *Prof. Home Econ.*

Workers in Agricultural Colleges and Experiment Stations

3

Agricultural Experiment Stations, Sitka, Kodiak, Rampart, Fairbanks, and Matanuska

Under supervision of the Office of Experiment Stations, United States Department of Agriculture
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†E. M. Floyd, Asst. in charge, Rampart.

†G. W. Gasser, B. S., Agron. in charge, Fairbanks.

†Hans Lindberg, Hort., Sitka.

†M. D. Snodgrass, B. S., Agron. in charge, Matanuska.

†H. O. White, Asst. at Kodiak.

†W. T. White, B. S., An. Husb. in charge, Kodiak.

†J. C. Wingfield, B. S., Asst. Hort., Matanuska.

ARIZONA

College of Agriculture, the Agricultural Experiment Station, and the Agricultural Extension Service of the University of Arizona, Tucson

*College faculty. †Station staff. ‡Extension staff

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*†J. J. Thornber, A. M., Dean Coll. of Agr., Dir. of Sta. Bot. (†)

‡P. H. Ross, B. S., Dir. of Agr. Ext. Service

Agronomy: *†R. S. Hawkins, M. S., Assoc. Prof. and Agron.

*†W. E. Bryan, M. S., Prof. Plant Brdg.; Plant Breeder.

*†I. A. Briggs, M. S., Instr. and Asst. Agron.

*†S. P. Clark, B. S., Asst. Prof. and Asst. Agron.

*†E. H. Pressley, M. S., Asst. Prof. Plant Brdg.; Ass't. Plant Breeder.

†B. J. Showers, B. S., Ext. Agron.

Animal Industry: *†W. S. Cunningham, B. S., Prof. Dairy Husb.; Dairy Husb.

*†Harry Embleton, B. S., Assoc. Prof. and Poultry Husb.

*†E. B. Stanley, M. S., Assoc. Prof. and An. Husb.

†Lorraine C. Boggs, B. S., Ext. Poultry Husb.

*†R. N. Davis, B. S., Asst. Prof. and Asst. Dairy Husb.

‡C. U. Pickrell, B. S., Ext. An. Husb. (P. O., Phoenix).

*†E. L. Scott, M. S., Instr. and Asst. An. Husb.

Biology: *†C. T. Vorhies, Ph. D., Head Dept. of Biol. Prof. Ent.; Ent.

*†J. G. Brown, M. S., Prof. Plant Path.; Plant Path.

*G. T. Caldwell, M. S., Assoc. Prof. Biol.

*Mary H. Estill, M. S., Instr. Biol.

*D. A. Gilchrist, B. S., Rodent Control Specialist (Coop. U. S. D. A.: P. O., Phoenix).

*A. F. Hemeway, Ph. D., Assoc. Prof. Biol.

*Oran Raber, Ph. D., Asst. Prof. Biol.

*†R. B. Streets, Ph. D., Asst. Prof. and Asst. Plant Path.

Chemistry: *†P. S. Burgess, Ph. D., Prof. Agr. Chem.; Agr. Chem.

*†C. N. Catlin, A. M., Assoc. Prof. and Assoc. Agr. Chem.

*T. F. Buehrer, Ph. D., Asst. Prof. Chem.

*H. W. Estill, M. S., Asst. Prof. Chem.

*Henry Eyring, M. S., Instr. Chem.

*L. E. Roberts, Ph. D., Assoc. Prof. Chem.

*Lila Sands, Ph. D., Instr. Chem.

*†H. V. Smith, M. S., Instr. and Asst. Agr. Chem.

Education (Agr.): *E. D. Doxsee, M. S., Asst. Prof. Voc. Ed.

Engineering (Agr.): *†G. E. P. Smith, C. E., Prof. Irrig. Engin.; Irrig. Engin.

*†H. C. Schwalen, B. S., Instr. and Asst. Irrig. Engin.

Extension (Admin.):¹ Director Ross in charge.

†A. B. Ballantyne, B. S., Asst. Dir. (County Agr. Work).

†Stella Mather, M. S., State Home Dem. Agt.

Home Economics: *Nina B. Crigler, M. A., Prof. Home Econ.

*Bertha F. Lent, M. A., Asst. Prof. Home Econ.

*Edith S. Ranney, M. A., Assoc. Prof. Home Econ.

*Eve E. Turnbull, M. A., Asst. Prof. Home Econ.

*Gladys H. Webster, M. A., Instr. Home Econ.

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*†D. W. Albert, B. S., Asst. Prof. and Asst. Hort.

†A. F. Kinnison, B. S., Ext. Hort.

*†M. F. Wharton, M. S., Instr. and Asst. Hort.

Miscellaneous:

*Estelle Lutrell, A. M., Libr.

—————, Editor.

Substations:

Prescott Dry-Farm, P. O., Prescott—C. W. Clark, B. S., Foreman.

Salt River Valley Farm, P. O., Mesa—C. J. Wood, Foreman.

Sulphur Spring Valley Dry-Farm, P. O., Cochise—F. G. Gray, Foreman.

Tempe Date-Palm Orchard, P. O., Tempe—T. L. Stapley, Foreman.

Yuma Valley and Mesa Farms, P. O., Yuma—J. G. Hamilton, B. S., Foreman.

¹ For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

ARKANSAS

**College of Agriculture and the Agricultural Experiment Station of the University of Arkansas,
Fayetteville**

*College faculty. †Station staff. ‡Extension staff

*J. C. Futrall, M. A., LL. D., President of the University

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Economics—Continued.

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Entomology: *W. B. Herms, M. A., *Head Div. of Ent. and Parasitol.*

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Entomology—Continued.

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Extension (Admin.): ¹ Director Crocheron in charge.

_____, *County Agt. Leader.*

†Harriet G. Eddy, A. B., *State Home Dem. Leader.*

_____, *State Club Leader.*

†Lillian D. Clark, *Asst. State Home Dem. Leader.*

*†T. C. Mayhew, B. S., *Asst. State Leader, Coast Counties.*

†W. R. Ralston, B. S., *Asst. State Club Leader.*

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†F. L. Cooper, B. S., Agr. Engin. Specialist.

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*O. P. Pennock, M. S., Assoc. Prof. Irrig. Engin.

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1 For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

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¹ For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

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*C. G. Wiley, A. M., *President*

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*J. S. Frazier, *Instr. Dairying and Poultry.*

*H. E. Hall, *Instr. Voc. Agr.*

*Howard Jackson, *Instr. Laundering.*

*P. H. Stone, *Asst. State Agt.*

†A. Tabor, *Instr. Teacher Training.*

†Camilla Weems, *State Home Dem. Agt.*

*Mrs. W. P. White, *Instr. Sewing.*

†E. A. Williams, *State Agent.*

*Mrs. Mamie Williams, *Instr. Dom. Sci.*

GUAM

Agricultural Experiment Station, Guam, Island of Guam

Under supervision of the Office of Experiment Stations, United States Department of Agriculture

†Station staff

†C. W. Edwards, B. S., *Director*

†F. B. L. Guerrero, *Asst. in Poultry Husb.*

†Joaquin Guerrero, *Asst. in Hort.*

†Peter Nelson, *Admin. Assistant.*

†S. R. Vandenberg, B. S., *Ent.*

HAWAII

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*A. R. Keller, C. E., M. S., *Dean Coll. of Applied Sci.*

*H. F. Bergman, Ph. D., *Prof. Bot.*

*Minnie E. Chipman, *Prof. Household Art.*

*D. L. Crawford, M. A., *Prof. Ent.*

*Anna von B. Dahl, *Asst. Prof. Textiles.*

*F. T. Dillingham, M. A., *Prof. Chem.*

*C. H. Edmondson, Ph. D., *Prof. Zool. and Dir. Marine Biol. Lab.*

*Giichi Fujimoto, M. S., *Instr. Chem.*

*Clara F. Hemenway, *Libr.*

*L. A. Henke, M. S., *Prof. Agr.*

*Paul Kirkpatrick, Ph. D., *Prof. Phys.*

*H. D. Kirschman, M. S., *Instr. Chem.*

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*W. R. McAllep, *Lect. on Sugar Tech.*

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*H. S. Palmer, Ph. D., *Prof. Geol.*

*C. P. Sideris, Ph. D., *Asst. Prof. Bot.*

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Agricultural Experiment Station, Honolulu

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†L. W. Bryan, B. S., *For. Supvr. (Hilo Project).*

†Raymond Conant, *Asst. Agr.*

†H. A. Cook, A. B., *Asst. Chem.*

†C. L. Crutchfield, *Asst. Chem.*

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†W. C. Jennings, *Asst. Agr.*

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†W. R. McAllep, *Sugar Tech.*

†W. L. McCleery, *Asst. Sugar Tech.*

†G. A. McEldowney, *For. Supvr. (Oahu Proj. ect).*

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†C. E. Pemberton, *Asst. Ent.*

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Animal Industry—Continued.

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*D. D. DuSault, B. S., *Asst. in Chem.*

*J. A. Kostalek, Ph. D., *Prof. Org. Chem.*

*S. J. Kroh, B. S., *Asst. Prof. Chem.*

†H. P. Magnuson, M. S., *Asst. Soil Chem.*

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Home Economics—Continued.

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*E. F. Mason, B. Lit., *Dir. of Pubs.*

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Aberdeen—A. E. McClymonds, B. S., *Supt.*

Caldwell—D. A. Stubblefield, *Supt.*

Felt (High Altitude)—W. A. Moss, B. S., *Supt.*

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†Anna C. Glover, *Secy. and Mgr. of Pubs.*

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Agronomy—Continued.

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¹ For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

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Agronomy—Continued.

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- *R. S. Smith, Ph. D., *Assoc. Prof. and Assoc. Chief in Soil Phys., in charge Identification and Mapping of Soil Types.*
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Animal Husbandry—Continued.

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² For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.

- Extension (Coll.):** *†F. H. Rankin, B. S., *Asst.*
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- *†I. P. Blauser, B. S., *Asst. in Farm Mech.*
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- *†R. C. Kelleher, B. S., *Asst. in Farm Mech.*
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- †K. H. Myers, B. S., *Asst. in Farm Organ. and Mgt.*
- †Lena C. Rhue, B. S., *Asst. in Farm Organ. and Mgt.*
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- *Eda M. Atwood, B. S., *Asst. in Foods.*
- *Irene M. Barnes, B. S., *Instr. Costume Design.*
- *Harriet T. Barto, A. M., *Asst. Prof. Dietetics.*
- *Lyda B. Burford, B. S., *Assoc. in Home Econ., Dir. of Cafeteria.*
- *Nathalie K. Fitch, M. A., *Instr. Foods.*
- *Carlotta M. Ford, M. A., *Assoc. in Home Mgt.*
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- *Carolyn Lindquist, B. S., *Lab. Asst. in Nutr.*
- *Helen E. McCullough, M. A., *Instr. Textiles.*
- *Laura A. Moore, B. S., *Asst. in Cafeteria.*

Home Economics—Continued.

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- *Emma R. Tucker, B. S., *Lab. Asst. in Dietetics.*
- *Emma L. Wardell, M. S., *Asst. Prof. Nutr.*
- *Virginia H. Weaver, M. A., *Assoc. in Home Decoration.*
- *Mary S. Wenger, M. S., *Instr. Nutr.*
- *Mary C. Whitlock, M. A., *Assoc. in Clothing.*
- *Grace B. Armstrong, A. M., *Foods and Nutr. Specialist.*
- *Edna R. Gray, B. S., *Clothing Specialist.*
- *Vinnie E. Marshall, Ph. D., *Junior Club Specialist.*
- *Annie L. Maxwell, B. S., *Home Furnishings Specialist.*
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- *Harland Bartholomew, C. E., *Asst. Prof. Civis Design.*
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- †Neale S. Knowles, *State Home Dem. Leader.*
- *Josephine E. Arnquist, B. S., *Asst. State Club Leader.*
- †Mrs. Edith P. Barker, *Asst. State Club Leader.*
- †W. L. Harper, *Secy.*
- †H. J. Metcalf, *in charge Information Service.*
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- †J. S. Quist, B. S., *Asst. State Club Leader.*
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- *C. H. Diggs, *Landsc. Architect*.

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 - *W. F. Guard, D. V. M., *Assoc. Prof. Vet. Surg.*
 - *George Judisch, Phar. D., *Instr. Vet. Pharmacol.*
 - *C. H. Larson, D. V. M., *Instr. Vet. Path.*
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 - *F. E. Walsh, D. V. M., *Asst. Prof. Vet. Med.*
- Zoology and Entomology:** *†C. J. Drake, *Ph. D., Head of Dept.; Chief Ent. (State Ent.).*
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 - *J. E. Guthrie, M. S., *Prof. Zool.*
 - *†B. M. Harrison, Ph. D., *Asst. Prof. Zool.*
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 - *†F. B. Paddock, M. S., *Assoc. Prof. Apiculture; Apiculturist (State Apiarist).*
 - *R. L. Parker, M. S., *Asst. Chief in Apiculture.*
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Agronomy: *†R. I. Throckmorton, M. S., *Actg. Head Dept. of Agron.*

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Agronomy—Continued.

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Bacteriology: *†E. M. Pickens, D. V. M., A. M., *Prof. Bact.; An. Path.*

†W. R. Crawford, D. V. M., *Asst. Path.*

*†L. J. Poelma, D. V. M., *Asst. Prof. Dairy Bact.; Asst. An. Path.*

*R. C. Reed, Ph. B., D. V. M., *Prof. An. Path.*

*M. F. Welsh, D. V. M., *Asst. Prof. Bact.*

Botany: *J. B. S. Norton, D. Sc., *Bot. and Plant Path.*

†F. S. Holmes, M. S., *Seed Insp.*

†Anna M. Hook, *Asst. in Seed Insp.*

†Olive M. Kelk, *Asst. in Seed Insp.*

†Ruth M. Mostyn, *Asst. in Seed Insp.*

†Isabella Veitch, *Asst. in Seed Insp.*

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*L. B. Broughton, M. S., *Prof. Indus. Chem.*

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¹ For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

² Courses given in College of Education.

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- ‡F. B. Bomberger, D. Sc., *Asst. Dir. and Specialist in Rural Organ. and Marketing.*
 ‡Venia M. Kellar, B. S., *State Home Dem. Agt.*
 ‡E. G. Jenkins, *State Boys' Club Agt.*
 ‡Dorothy Emerson, *State Girls' Club Agt.*

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- *‡S. H. DeVault, Ph. D., *Prof. Agr. Econ.*
 ‡S. B. Shaw, B. S., *Chief Insp. and Marketing Specialist.*

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- ‡Jessie Campbell, B. S., *Nutr. Specialist.*

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Horticulture—Continued.

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*A. S. Thurston, M. S., *Asst. Prof. Flor. and Landsc. Gard.*

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†A. M. Smith, M. S., *Assoc. in Soils.*

†J. M. Snyder, M. S., *Asst. in Soil Invest.*

†H. B. Winant, B. S., *Asst. in Soil Invest.*

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*C. E. Clark, *An. Husb.*

‡Louis Martin, *County Agr. Dem.*

*Laura V. Mullins, *Dom. Art.*

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Animal Industry—Continued.

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Animal Industry—Continued.

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 - *W. C. Sanctuary, B. S., *Prof. Poultry Husb.*
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 - *W. H. Davis, Ph. D., *Asst. Prof. Bot.*
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 - *R. E. Torrey, Ph. D., *Asst. Prof. Bot.*

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- †F. H. Branch, *Farm Mgt. Ext.*

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- *Margaret Hamlin, A. B., *Agr. Counsellor for Women.*

- *Helen Knowlton, M. A., *Asst. Prof. Home Econ.*

- †Marion L. Tucker, B. S., *Asst. Ext. Prof. Home Econ.*

- †Mildred L. Wood, A. B., *Asst. Ext. Prof. Nutr.*

Horticulture: *†F. A. Waugh, M. S., *Head Div. of Hort. and of Dept. of Landsc. Gard.*

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- *†F. C. Sears, M. S., *Head Dept. of Pomol.*

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- *C. L. Thayer, B. S., *Head Dept. of Flcr.*

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- †W. R. Cole, *Ext. Asst. Prof. Hort. Mfrs.*

- *†L. S. Dickinson, B. S., *Asst. Prof. Hort.*

- *B. D. Drain, B. S., *Asst. Prof. Pomol.*

- *A. P. French, M. S., *Instr. Pomol.*

- *Prentiss French, M. L. A., *Asst. Prof. Landsc. Gard.*

- *A. K. Harrison, *Asst. Prof. Landsc. Gard.*

- †R. M. Koon, M. S., *Ext. Prof. Veg. Gard. (P. O., Waltham).*

- *R. T. Muller, M. S., *Asst. Prof. Flor.*

- *G. J. Raleigh, M. S., *Instr. Pomol.*

- *W. F. Robertson, B. S., *Instr. Hort. Mfrs.*

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- *G. B. Snyder, B. S., *Instr. Veg. Gard.*

- †W. H. Thies, B. S., *Ext. Asst. Prof. Pomol.*

- *C. H. Thompson, M. S., *Asst. Prof. Hort.*

- †V. A. Tiedjens, M. S., *Asst. Research Prof. Veg. Gard. (P. O., Waltham).*

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- †H. E. Wilson, *Lab. Asst. in Pomol.*

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- *Mary E. M. Garvey, B. S., *Instr. Microbiol.*

- *J. B. Nelson, Ph. D., *Instr. Microbiol.*

- *†C. H. Werkman, Ph. D., *Asst. Prof. Microbiol.*

Physics: ————— Head of Dept.

- *G. W. Alderman, A. B., *Instr. Phys.*

Veterinary Science: *†G. E. Gage, Ph. D., *Head of Dept. Prof. An. Path.*

- †J. B. Lentz, A. B., V. M. D., *Asst. Research Prof. Vet. Sci.*

- †J. J. McDermott, Tech. Asst. in Vet. Sci. and An. Path.

¹ For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

Veterinary Science—Continued.

- *N. J. Pyle, V. M. D., *Asst. Research Prof.*
Avian Path.
Zoology and Geology: *C. E. Gordon, Ph. D.,
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*G. C. Ring, M. A., *Instr. Zool.*

Miscellaneous:

- †F. Ethel Felton, B. A., *Editorial Asst.*
†E. F. Gaskill, B. S., *Asst. to Sta. Dir.*
*†Basil Wood, *Libr.*

Miscellaneous—Continued.

- *†F. C. Kenney, *Treas.*
†J. E. Ostrander, A. M., C. E., *Met.*
*R. H. Verbeck, B. S., *Dir. of Short Courses.*
*R. J. Watts, B. S., *Secy.*

Substations:

- Cranberry Substa., *P. O., East Wareham—*
H. J. Franklin, Ph. D., *Supt.*
Market Garden Field Sta., *P. O., Waltham—*
————— *in charge.*

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*K. L. Butterfield, A. M., LL.D., *President.*

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Animal Industry: *†G. A. Brown, B. S., *Head*

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*†O. E. Reed, M. S., *Head of Dairy Husb. Dept.*
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*Richard de Zeeuw, Ph. D., *Assoc. Prof. Bot.*

*Geza Doby, Ph. D., *Visiting Prof. Bot.*

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Chemistry: *A. J. Clark, A. B., *Prof. and Head*
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Chemistry—Continued.

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 *Osee Hughes, B. A., *Assoc. Prof. Household Sci.
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 *C. P. Halligan, B. S., Head of Landsc. Gard.
 *†F. C. Bradford, M. S., Assoc. Prof. and Assoc. Hort.
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 *†J. B. Edmond, M. S., Instr. and Asst. Hort.
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 †H. D. Hootman, Hort. Specialist.
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Sociology (Rural): Eben Mumford, Ph. D., Head of Dept.
Soils: *†M. M. McCool, Ph. D., Head of Dept.
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¹ For subject-matter workers see the respective division, i. e., animal industry, botany, etc.

Soils—Continued.

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- †J. O. Veatch, A. B., *Research Assoc. in Soils*.
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†L. H. Cooleedge, A. M., *Research Assoc. Bact.*

*†F. W. Fabian, B. S., *Assoc. Prof. Bact. and Hyg.; Research Assoc. in Bact.*

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- *D. D. Mayne, *Prof. Agr. Pedag., Prin. Central School of Agr.*

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- *F. W. Lathrop, Ph. D., *Asst. Prof. Agr. Ed.*

- *V. E. Nylin, B. S., *Instr. Agr. Ed.*

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- *M. G. Jacobson, *Instr. Farm Bldgs.*

- †C. E. Johnson, B. S., *Asst. in Land Clearing.*

- *†H. B. Roe, B. S., *Assoc. Prof. Farm Engin.; in charge of Drainage.*

- *†J. Romness, B. A., *Instr. and Asst. Agr. Phys.*

- *A. J. Schwantes, G. A., *Asst. Prof. Agr. Engin.*

- *†E. A. Stewart, B. S., *Assoc. Prof. Agr. Phys.; Assoc. Agr. Physicist.*

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- *M. J. Thompson, M. S., *Land Clearing Invest. (P. O., Duluth).*

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- *A. G. Tyler, *Asst. Prof. Agr. Phys.*

- *†H. B. White, B. S., *Asst. Prof. and in charge Sec. of Farm Bldgs.*

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Entomology and Zoology: *†W. A. Riley, Ph. D., *Chief.*

- *†Francis Jager, *Prof. Bee Culture.*

- *†Walter Carter, M. S., *Instr. and Research Asst. in Ent.*

- *†R. N. Chapman, Ph. D., *Assoc. Prof. An. Biol.; Asst. Ent.*

- *G. H. Childs, *Asst. An. Biol.*

- *†S. A. Graham, Ph. D., *Asst. Prof. Ent.; Asst. in Econ. Zool.*

- *Erich Horlbog, Ph. D., *Asst. Prof. Ent.*

- *O. C. McBride, A. M., *Asst. in Ent. and Econ. Zool.*

- *†G. C. Matthews, B. S., *Asst. Prof. Bee-keeping; Asst. Apiarist.*

- †C. E. Mickel, M. S., *Asst. in Ent.*

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- †A. L. Strand, B. S., *Asst. Ent.*

- *†J. W. Thompson, B. S., *Instr. and Asst. in Bee Culture.*

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- *†S. S. Burton, B. S., *Instr. and Asst. For.*

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- *Alice M. Biester, M. A., *Assoc. Prof. Nutr.*

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- *Clara M. Brown, B. A., *Asst. Prof. Home Econ.*

- *Mary L. Bull, *Home Mgt. Specialist.*

- *Alice M. Child, M. A., *Asst. Prof. Foods and Cookery.*

- *Ruby M. Coon, M. S., *Instr. Home Econ.*

¹ For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.

Home Economics—Continued.

- *Frances Dunning, B. S., *Asst. Prof. Institutional Mgt.*
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- *Harriet I. Goldstein, *Assoc. Prof. Drawing and Design.*
- *Vetta Goldstein, *Instr. Drawing and Design.*
- †Inez M. Hobart, M. A., *Nutr. Specialist.*
- *Lucille M. Horton, B. S., *Instr. Nutr.*
- †Nora M. Hott, B. S., *Clothing Specialist.*
- *Aura I. Keever, B. S., *Instr. Textiles and Clothing.*
- *Agnes M. Kolshorn, M. A., *Instr. Home Econ.*
- *Jane M. Leichsenring, Ph. D., *Asst. Prof. Nutr.*
- *Katherine H. McFarland, M. A., *Prof. Institutional Mgt.*
- *Jessie E. McMahon, M. S., *Instr. Home Econ.*
- *Amy P. Morse, B. A., *Asst. Prof. Drawing and Design.*
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- *Fern E. Osbeck, B. S., *Instr. Home Econ.*
- *Verna Payson, *Instr. Home Econ. (Child Training).*
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- *Elizabeth A. Rivers, B. S., *Instr. Home Econ.*
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- *Iva I. Sell, Ph. B., *Instr. Home Econ.*
- *Louise Sobyne, B. S., *Instr. Home Econ.*
- *M. Louise Stoddard, *Instr. Home Econ.*
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- †A. W. Henry, Ph. D., *Asst. Plant Path.*
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 F. E. Haralson, *Asst. Supt.*

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*J. C. McKee, B. S., *Assoc. Prof. Bot.*

†D. C. Neal, M. S., *Plant Path.*

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2 For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

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¹ This institution gives the academic title to all employees.

² For subject-matter workers see the respective division, i. e., animal industry, botany, etc.

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- *†Richard Bradfield, Ph. D., *Assoc. Prof. Soils.*
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- †R. E. Uhland, A. M., *Asst. in Soils.*

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*Agnes E. Hutchison, B. S., Instr. Home Econ.

†Inez La Bossier, B. S., Clothing Specialist.

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Northern Mont. Substa., P. O., Harre—

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1 For subject-matter workers, see the respective division—i. e., agronomy, animal industry, etc.

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*Plant Path.**Leva B. Walker, A. M., *Assoc. Prof. Bot.**J. E. Weaver, Ph. D., *Prof. Plant Ecology.***Chemistry:** *F. W. Upson, Ph. D., *Chair. of*
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*Dept.**†E. O. Anderson, M. S., *Instr. and Asst. Dairy*
*Husb.**†P. A. Downs, Ph. D., *Assoc. Prof. and Assoc.*
*Dairy Husb.**M. L. Flack, M. A., *State Agr. in Dairy Husb.**Benjamin Masurovsky, M. S., *Instr. Dairy*
*Husb.**†R. F. Morgan, B. S., *Asst. Prof. and Asst.*
*Dairy Husb.**E. L. Reichart, B. S., *Instr. Dairy Husb. and*
*Creamery Mgr.***Economics (Rural):** *†H. C. Filley, A. M., *Chair.*
of Dept.‡G. R. Boomer, *State Agr. in Marketing.*

† In charge of all substations.

For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.

Economics (Rural)—Continued.‡N. W. Gaines, B. S., *State Agr. in Community*
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*Chair. of Dept., Prin. School of Agr.**Beulah I. Coon, B. S., *Asst. Prof. Home Econ.*
*Ed.**Helen H. Halm, B. S., *Asst. Prof. Home Econ.*
*Ed.**C. C. Minteer, A. M., *Asst. Prof. Agr. Ed.***Engineering (Agr.):** *†O. W. Sjogren, B. S. A. E.,
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*Agr. Engin.**A. A. Baer, B. A., *Assoc. Prof. Agr. Engin.*‡J. S. Glass, B. S., *Asst. State Agr. in Agr.*
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*Engin.**J. D. Parsons, B. S. M. E., A. E., *Asst. Prof.*
*Agr. Engin.**W. J. Runnalls, *Instructing Mechanic.**C. W. Smith, M. S., *Assoc. Prof. Agr. Engin.*‡I. D. Wood, M. S., *State Agr. in Agr. Engin.***Entomology:** *†M. H. Swenk, A. M., *Chair. of*
*Dept. (State Ent.).**Raymond Roberts, B. S., *Instr. Ent.**†D. B. Whelan, M. S., *Instr. and Asst. Ent.***Extension (Admin.):** † Director Brokaw in charge.‡Mary-Ellen Brown, B. S., *State Agr. in*
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- *Matilda K. Peters, B. S., *Instr. Home Econ.*
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- †S. W. Alford, D. V. S., *Supt. Serum Plant.*
- *†H. M. Martin, V. M. D., A. M., *Asst. Prof. An. Path. and Hyg.; Asst. Vet.*
- *L. V. Skidmore, B. S., D. V. M., *Instr. An. Path.*

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- Scottsbluff Substa., *P. O., Mitchell—J. A. Holden, B. S., Supt.*
- Valentine Substa., *P. O., Valentine—E. M. Brouse, B. S., Supt.*

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- *†V. E. Scott, B. S., *Prof. Dairying, Dairy and Poultry Specialist.*

†C. E. Fleming, B. S., *Range Mgt.*

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- *†Mary E. Stillwell, B. S., *Assoc. Prof. and Asst. Dir. of Ext.*

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- *Mrs. Luella M. Foster, B. S., *State Suprr. Home Econ.*

- *Louise K. Hammond, B. S., *Asst. Prof. Home Econ.*

- *Jessie P. Pope, B. S., *Asst. Prof. Home Econ.*

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- *G. B. Blair, A. M., *Assoc. Prof. Phys.*

Veterinary Science: †Edward Records, V. M. D., *Vet.*

- †L. R. Vawter, D. V. M., *Vet. Path.*

Miscellaneous:

- *Martha Ryan, *Libr. and Secy.*

¹ For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

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*†F. W. Taylor, B. S., Dean Coll. of Agr. Agron.

†J. C. Kendall, B. S., Dir. of Sta., Dir. Ext. Service

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Poultry Husb.†H. J. Bennett, B. S., Field. Instr. Poultry
Husb.*†H. F. DePew, B. S., Asst. Prof. and Asst.
Dairy Husb.

*B. E. Huggins, Instr. Dairy Husb.

*F. L. McGettigan, B. S., Instr. Poultry Husb.

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Husb.†E. G. Ritzman, B. S., Research Prof. An.
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Botany: *†O. R. Butler, Ph. D., Prof. Bot.; Bot.

*Mabel Brown, Ph. D., Asst. Prof. Bot.

*†L. J. Klutz, Ph. D., Asst. Prof. and Asst. Bot.

Chemistry: *†T. G. Phillips, Ph. D., Prof. Agr.
Chem.; Chem.

*Charles James, F. I. C., Prof. Chem.

*H. C. Fogg, M. S., Instr. Chem.

*W. S. Frost, Ph. D., Asst. Prof. Chem.

*G. A. Perley, A. M., Assoc. Prof. Chem.

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†T. O. Smith, M. S., Assoc. Chem.

Education (Agr.): *Hollie L. Whittemore, B. S.,
Asst. Prof. Agr. Ed.Entomology: *†W. C. O'Kane, M. A., Prof.
Econ. Ent.; Ent. (State Nursery Insp.).*†P. R. Lowry, M. S., Asst. Prof. Econ. Ent.;
Asst. Ent.Extension (Admin.):¹ Director Kendall in charge.

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†Daisy D. Williamson, State Home Dem.
Leader.

†C. B. Wedleigh, B. S., State Club Leader.

†Ann F. Beggs, Asst. State Home Dem. Leader.

†Mary L. Sanborn, Asst. State Club Leader.

†H. C. Woodworth, M. S., Farm Mgt. Dem.

Forestry: *†K. W. Woodward, M. F., Prof. For.,
For.

*C. L. Stevens, B. S., Asst. Prof. For.

Home Economics:² *Mrs. Helen F. McLaughlin,
B. S., Prof. and Head of Dept.

*Irma G. Bowen, Instr. Household Arts.

*Carrie A. Lyford, M. S., Asst. Prof. Home
Econ.Horticulture: *†G. F. Potter, M. S., Prof. Hort.;
Hort.

*†J. R. Hepler, M. S., Asst. Prof. and Asst. Hort.

*†James Macfarlane, Instr. Flor.; Florist.

†O. H. Pearson, B. S., Research Asst. in Hort.

†H. A. Rollins, B. S., Ext. Asst. in Hort.

*†S. W. Wentworth, B. S., Asst. Prof. and Asst.
Hort.

Physics: *H. L. Howes, Ph. D., Prof. Phys.

*J. V. Adams, B. S., Instr. Phys.

*D. E. Higgins, M. S., Instr. Phys.

*Clement Moran, A. B., Asst. Prof. Phys.

Zoology: *C. F. Jackson, M. S., Prof. Zool.

*H. M. Emery, B. S., Instr. Zool.

*Alma D. Jackson, M. A., Instr. Zool.

*Edythe M. Tingley, M. S., Instr. Zool.

Miscellaneous:

*†W. P. Lewis, B. L. S., M. A., Libr.

†A. D. Littlehale, Shepherd.

†Elizabeth E. McHaffey, Asst. Libr.

†H. B. Stevens, A. B., Executive Secy.

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*†J. G. Lipman, Ph. D., D. Sc., Dean of Agr. and Dir. of Sta.

†H. J. Baker, B. S., Dir. Div. of Ext. in Agr. and Home Econ.

Animal Industry: *F. G. Helyar, B. S., Prof.
An. Husb. and Dir. of Short Courses.

*J. W. Bartlett, B. S., Prof. Dairy Husb.

*G. W. Hervey, A. M., Actg. Prof. Poultry
Husb.

†W. H. Allen, B. S., Poultry Specialist.

*F. R. Beaudette, D. V. M., Asst. Prof. Poultry
Path.

Animal Industry—Continued.

*C. B. Bender, M. S., Instr. Dairy Husb.

*F. C. Button, B. S., Asst. Prof. Dairy Husb.

†E. J. Perry, B. S., Dairy Specialist.

*W. C. Skelley, M. S., Asst. Prof. An. Husb.

Bacteriology: *T. J. Murray, M. S., Prof. Bact.

Botany and Plant Pathology: *†J. W. Shive,
Ph. D., Chief of Div. Prof. Plant Physiol.
Plant Physiol.¹ For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.² Courses given in College of Liberal Arts.

Botany and Plant Pathology—Continued.

- *M. A. Chrysler, Ph. D., *Assoc. Prof. Bot.*
- *Jessie G. Fiske, M. S., *Asst. Prof. Bot.*
- †J. G. Gaines, M. S., *Research Asst. in Plant Path.*
- †J. M. Ginsburg, M. S., *Research Asst. in Plant Physiol.*
- *A. P. Kelley, Ph. D., *Instr. Bot.*
- *†W. H. Martin, Ph. D., *Asst. Prof. and Plant Path.*
- †W. R. Robbins, M. S., *Research Asst. in Plant Physiol.*

Chemistry: *R. G. Wright, Ph. D., *Prof. Chem.*

- *A. C. de Regt, M. S., *Assoc. Prof. Chem.*
- *T. B. Gates, M. S., *Instr. Chem.*
- *I. M. Lee, A. M., *Instr. Chem.*
- *Ernest Little, Ph. D., *Prof. Anal. Chem.*
- *W. A. Lott, M. S., *Instr. Chem.*
- *C. W. Rieman, 3d, M. S., *Instr. Chem.*
- *E. L. Sargent, M. S., *Instr. Chem.*
- *P. A. van der Meulen, Ph. D., *Assoc. Prof. Chem.*

Economics (Agr.): *Henry Keller, jr., M. S., *Asst. Prof. Agr. Econ.*

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†G. W. Hervey, A. M., *Actg. Poultry Husb.*

†G. I. Ball, *Creamery Insp.*

†F. R. Beaudette, D. V. M., *Poultry Path.*

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†J. J. Black, D. V. M., *Asst. Poultry Path. (P. O., Vineland).*

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†Martin Decker, *Asst. in Poultry Research.*

†R. H. Hannas, M. S., *Supt. Egg Laying Contests.*

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†W. C. Skelley, M. S., *Asst. An. Husb.*

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†Mrs. Marion C. Bell, B. S., *Home Mgt. Specialist.*

†Helen G. Bishop, B. S., *Asst. Clothing Specialist.*

†Marie C. Doermann, B. S., *Foods Specialist.*

†Mrs. Catherine H. Griebel, *Clothing Specialist.*

*Alta M. Kelley, B. S., *Instr. Home Econ.*

*Mary I. Raven, M. A., *Asst. Prof. Home Econ.*

*Florence E. Wagner, B. S., *Instr. Home Econ.*

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†J. H. Clark, M. S., *Instr. Pomol.*

*A. J. Farley, B. S., *Assoc. Prof. Hort.*

*H. F. Huber, B. S., *Instr. Veg. Gard.*

†A. F. Mason, M. S., *Fruit Growing Specialist.*

†C. H. Nissley, B. S., *Veg. Growing Specialist.*

*L. G. Schernerhorn, B. S., *Assoc. Prof. Veg. Gard.*

Physics: *George Winchester, Ph. D., *Prof. Phys.*

*A. L. Greenlees, Ph. D., *Instr. Phys.*

*D. D. Potter, A. M., *Instr. Phys.*

*F. R. Pratt, Ph. D., *Prof. Phys.*

Soils and Crops: Dean Lipman, *Chief of Div.*

*†A. W. Blair, A. M., *Prof. Agr. Chem.; Soil Chem.*

†H. R. Cox, M. S., *Agron. Specialist.*

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†F. A. Hall, B. S., *Asst. to Dir. of Sta.*

*G. A. Osborn, A. M., *Libr.*

*†C. R. Woodward, M. A., *Secy., Editor.*

¹ For subject-matter workers see the respective division, i. e., animal industry, bacteriology, etc.

² Teaching given in the College for Women.

Entomology—Continued.

- †Ray Hutson, B. S., *Asst. Ent. in Apiculture.*
- †Carl Ig, *Lab. Asst.*
- †Alvah Peterson, Ph. D., *Assoc. Ent.*
- †Willem Rudolfs, Ph. D., *Biochem. in Ent.*
- †L. A. Stearns, M. S., *Asst. Ent.*
- †W. N. Walden, *Asst. Ent.*

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- †H. M. Biekart, B. S., *Florist.*
- †J. H. Clark, M. S., *Asst. Pomol.*
- †C. H. Connors, B. S., *Assoc. in Plant Brdg.*
- †A. J. Farley, B. S., *Pomol.*
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Seed Analysis: †Jessie G. Fiske, M. S., *Seed Analyst.*

- †S. L. Boyce, *Asst. Seed Analyst.*
- †F. M. Colt, B. S., *Asst. Seed Analyst.*

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- †A. W. Blair, A. M., *Soil Chem.*
- †H. Heukelekian, M. S., *Asst. Soil Bact.*
- †C. D. Jones, M. S., *Research Asst. in Soils.*
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- †W. H. Dumont, M. S., *Oyster Research Specialist.*

Miscellaneous:

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- *†H. V. Jordan, M. A., *Asst. Prof. and Asst. Agron.*

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- *†O. C. Cunningham, B. S., *Prof. Dairying; Dairyman.*

- *†A. L. Walker, M. S., *Prof. Poultry Husb.; Poultryman.*

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Biology: *†R. F. Crawford, M. S., *Prof. Biol.; Biol.*

- *†P. M. Gilmer, Ph. D., *Asst. Prof. Biol.; Ent.*

Chemistry: *†C. W. Botkin, A. M., *Prof. Chem.; Chem. (State Chem.).*

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- *L. M. Montgomery, M. S., *Prof. Hort.*
- *John Morrison, *Asst. Hort.*
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- †M. V. Bailey, B. S., *Soils Specialist.*
- *E. E. Barnes, B. S., *Soils Specialist.*
- *G. W. Conrey, Ph. D., *Asst. Prof. Soils.*
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- †J. A. Slipher, B. S., *Soils Specialist.*
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- *D. M. DeLong, Ph. D., *Prof. Ent.*
- *L. F. Edwards, M. S., *Instr. Zool.*

¹ For subject-matter workers see the respective division, i. e., animal industry, botany, etc.

Zoology and Entomology—Continued.

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- *C. H. Kennedy, Ph. D., *Asst. Prof. Ent.*
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Zoology and Entomology—Continued.

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- †T. H. Parks, B. S., *Ent. Specialist.*
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- †V. H. Morris, M. A., *Asst. in Agron. (Chem.).*
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- Southeastern Test Farm, Carpenter— —, *Mgr.*
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*S. R. Wood, M. S., Asst. Prof. Chem.

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Education (Agr.): *O. M. Clark, B. S., Prof. Agr.
Ed.**Education (Agr.)—Continued.**

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*D. M. Orr, B. S., Asst. Prof. Agr. Ed.

Engineering (Agr.): *L. E. Hazen, M. E., Prof.
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Ent.

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*†G. A. Moore, B. S., Instr. and Asst. Zool.

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†B. A. Pratt, M. S., State Club Agrt.

‡Mrs. Daisy M. Frazier, Asst. State Club Agrt.

‡H. A. Graham, M. S., Asst. State Club Agrt.

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Household Art Dept.*Florence Schertz, M. A., Prof. and Head of
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*Grace Fernandes, M. S., Instr. Household Art.

*Madonna Fitzgerald, B. S., Instr. Household
Sci.*Lydia A. Hoffman, B. S., Asst. Prof. House-
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*Mrs. Gladys Old, B. S., Instr. Household Sci.

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cialist.*E. D. Markwell, B. S., Asst. Prof. Hort. and
For.

‡D. C. Mooring, M. S., Ext. Hort.

*†D. V. Shuhart, B. S., Asst. Prof. and Asst.
Hort.**Veterinary Medicine:** *C. H. McElroy, B. S.,
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Vet. Med.**Miscellaneous:**

*E. E. Hadley, A. B., Editor of Pubs.

¹ For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

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- *B. M. Mathis, B. S., *Aest. in Agr.*
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- †J. T. Jardine, B. S., *Dir. of Sta.*
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- *†P. M. Brandt, A. M., *Prof. Dairy Husb.; Dairy Husb.*

- *†A. G. Lunn, B. S., *Prof. Poultry Husb.; Poultry Husb.*

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- *V. D. Chappell, M. S., *Assoc. Prof. Dairy Mrs.*

- *H. N. Colman, B. S., *Instr. Dairy Husb.*

- ‡H. E. Cosby, *Poultry Husb. Specialist.*

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- *†W. V. Halversen, Ph. D., *Assoc. Prof. and Assoc. Bact.*

- *J. E. Simmons, M. S., *Asst. Prof. Bact.*

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- †S. M. Zeller, Ph. D., *Plant Path.*

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- †D. E. Bullis, B. S., *Asst. Chem. in Research.*

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- †H. G. Miller, Ph. D., *Chem.*

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- *H. H. White, B. S., *Critic Teacher in Agr. Ed.*

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- *G. V. Skelton, C. E., *Prof. Highway Engin.*

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- *†W. J. Chamberlin, M. S., *Asst. Prof. Ent.; For. Ent.*

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¹ For subject-matter workers see the respective division, i.e., animal industry, bacteriology, etc.

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E. E. Hall, M. S., Agron.

R. W. Moreland, M. S., Asst. Ent.
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¹ For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

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†Gerald Heebink, M. S., Asst. Livestock Specialist.

*F. H. Helmreich, B. S., Instr. An. Husb.

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*Ada B. Caldwell, Prof. Indus. Arts.

†Mary A. Dolve, B. S., Foods and Nutr. Special. ist.

*Eloise Huskins, M. S., Asst. Prof. Home Econ.

†Mae Keithline, Clothing Specialist.

*Louise L. Leaton, B. S., Asst. Prof. Home Econ.

¹ For subject-matter workers see the respective division, i. e., agronomy, animal husbandry, etc.

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- *Laura J. McArthur, B. S., *Assoc. Prof. Home Econ.*
- *Gertrude Sunderlin, B. S., *Instr. Home Econ.*
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¹ For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

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- *R. C. White, M. A., *Assoc. Prof. Rural Sociol.*
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- *R. K. Fletcher, M. A., *Assoc. Prof. Ent.*
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†H. W. Hawker, *Soil Surveyor.*

†E. H. Templin, B. S., *Soil Surveyor.*

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†V. J. Brauner, D. V. M., *Vet.*

†H. Schmidt, D. V. S., *Vet.*

Miscellaneous:

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² For subject-matter workers see the respective division, i. e., agronomy, animal industry, etc.

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